

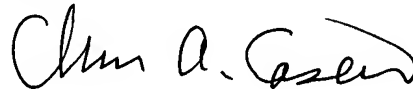
REMARKS

Applicants respectfully request consideration of this amendment prior to examination of this application. By this amendment, amended paragraphs [003] and [038] have been amended in response to the remarks made in the February 7, 2005, office communication. Specifically, paragraph [003] has been amended to remove reference to "dissolved nutrients or metals," and paragraph [038] has been amended to remove reference to the weir having a height substantially equal to the height of the baffle port, although that may be inferred from the drawings as presented. Applicants respectfully suggested that the amendments made to these two paragraphs place the application in condition for allowance.

In addition to the clarifying amendments made to the noted portions of the specification, Claims 32-39 have been added. Claims 32 and 37 are independent claims providing alternative descriptions of the invention as originally disclosed. Applicants respectfully submitted that the new claims are fully supported by the specification and drawings and therefore contain no new subject matter. The additional claims increase the total number of claims in excess of 20 by eight, and the total number of independent claims in excess of three by two. As a result, payment of additional filing fees in the amount of \$800.00 is submitted herewith.

Applicants respectfully request entry of the amendments made to the identified paragraphs of the specification and the new claims prior to examination. Applicants respectfully suggest that the amendments made place the application in condition for allowance.

Respectfully submitted,



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Certificate of Mailing

I hereby certify that this correspondence is being mailed using the Express Mail Service of the US Postal Service in an envelope addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 6, 2005, Express Mail label no. ED5959960135. It is hereby requested that this correspondence be assigned a filing date of July 6, 2005.

A handwritten signature in cursive script, appearing to read "Chris A. Caseiro".

Chris A. Caseiro